



/CD/ **WHAT IS CLAIMED IS:**

1. An image processing apparatus comprising:

at least one of a image reading unit which reads an image data (first image data), a image memory control unit which writes/reads the image data (second image data) by controlling a memory, an image processing unit which processes the image data to obtain a third image data, and an image writing unit which prints an image corresponding to the image data on a paper; and

10 an image data control unit which receives at least one of the first image data, the second image data, and the third image data, and transmits received image data to any one of said image memory control unit, said image processing unit, and said image writing unit.

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2. The image processing apparatus according to claim 1, wherein said image processing is realized with a processor and the program of this processor is changeable.

20 3. The image processing apparatus according to claim 1, wherein said image processing is realized with an SIMD (Signal Instruction Multiple Data stream) processor.

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Related Pending Application
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